

FIG. 1A

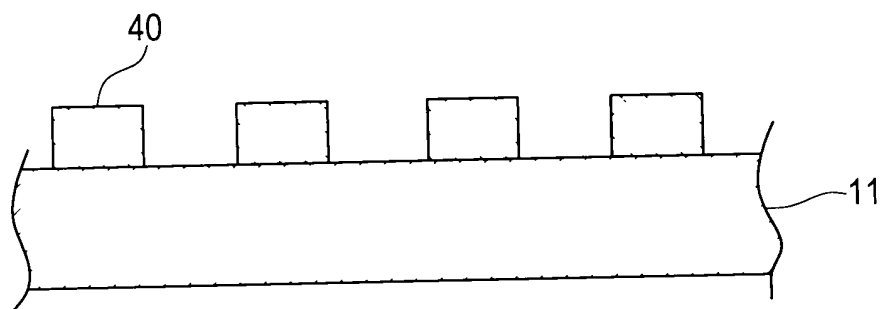


FIG. 1B

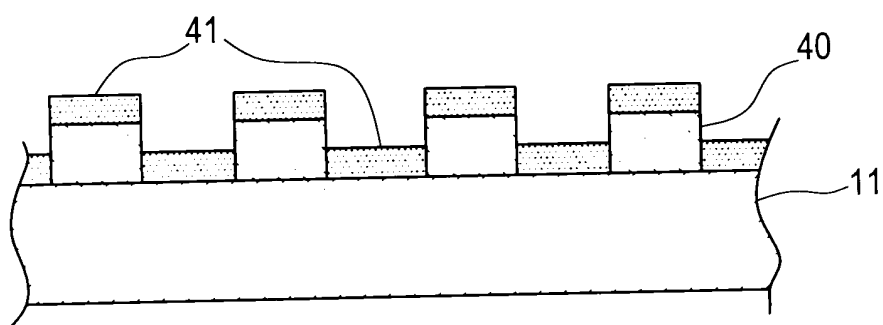


FIG. 1C

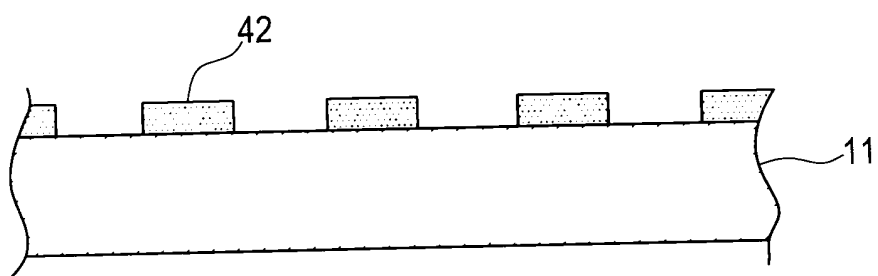


FIG. 1D

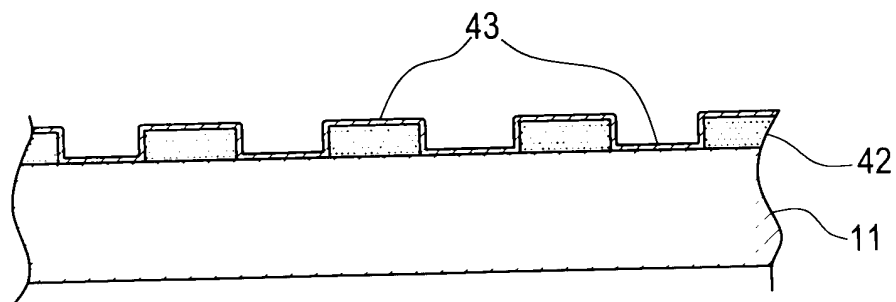


FIG. 2A

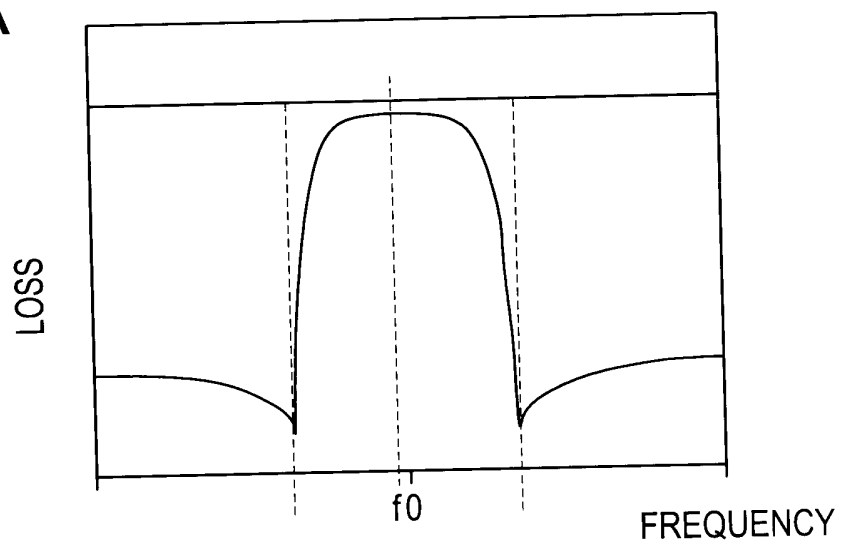


FIG. 2B

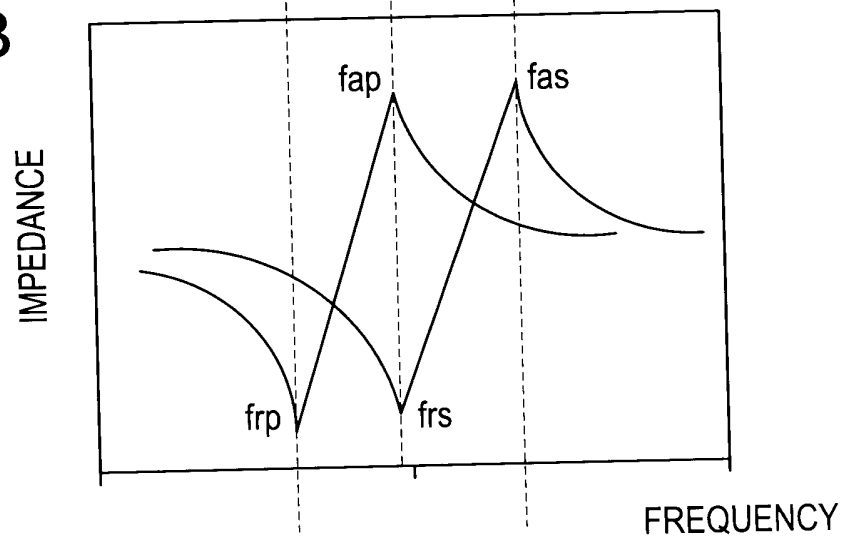


FIG. 3

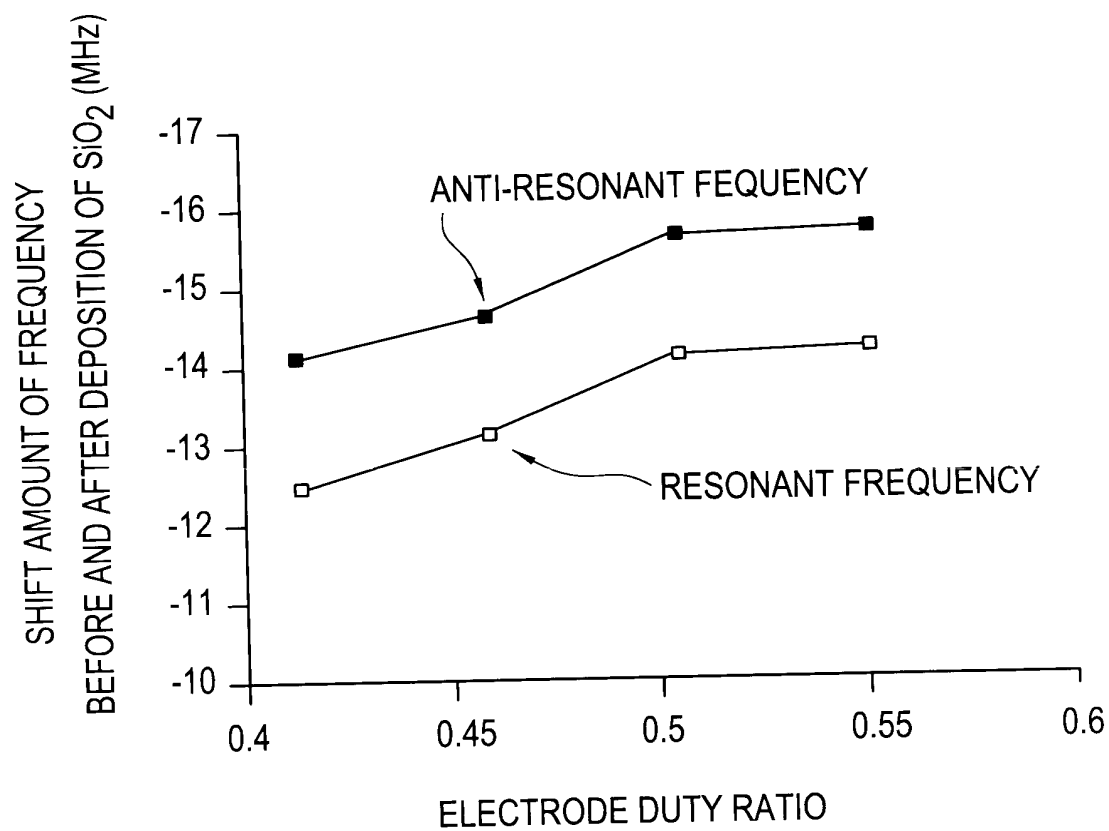


FIG. 4

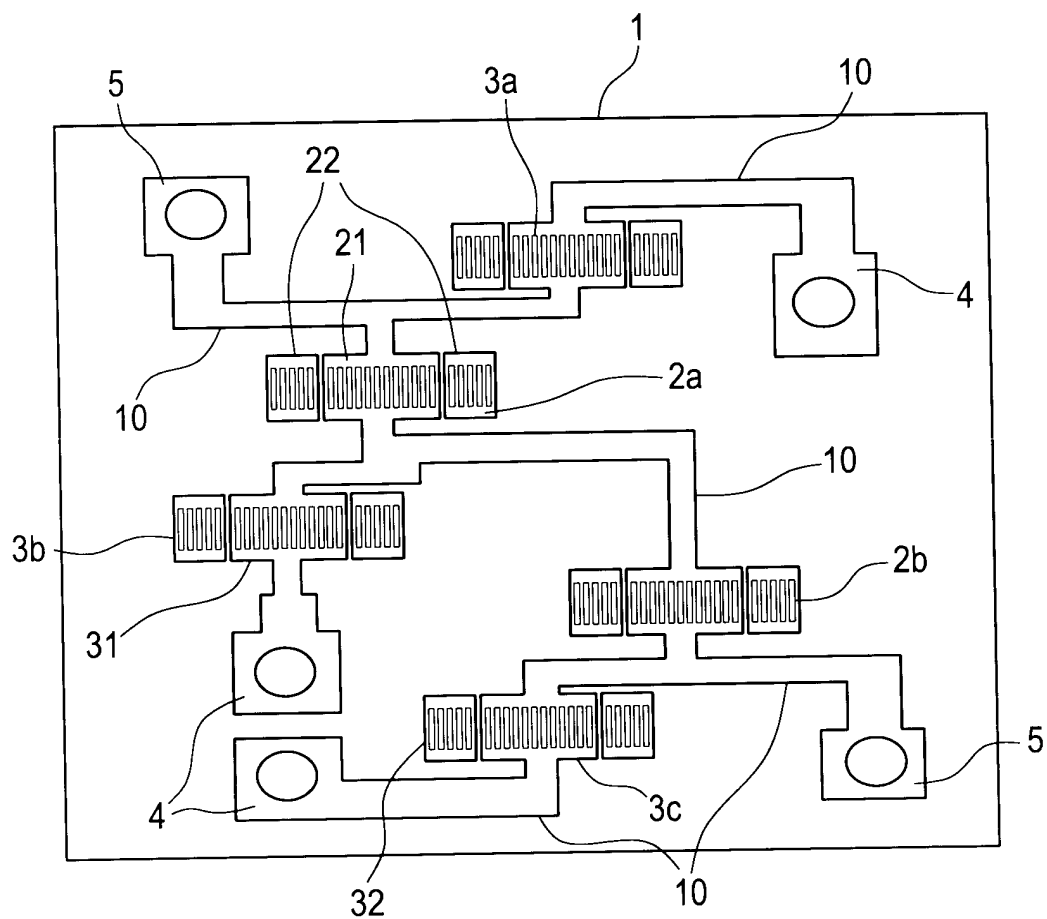


FIG. 5

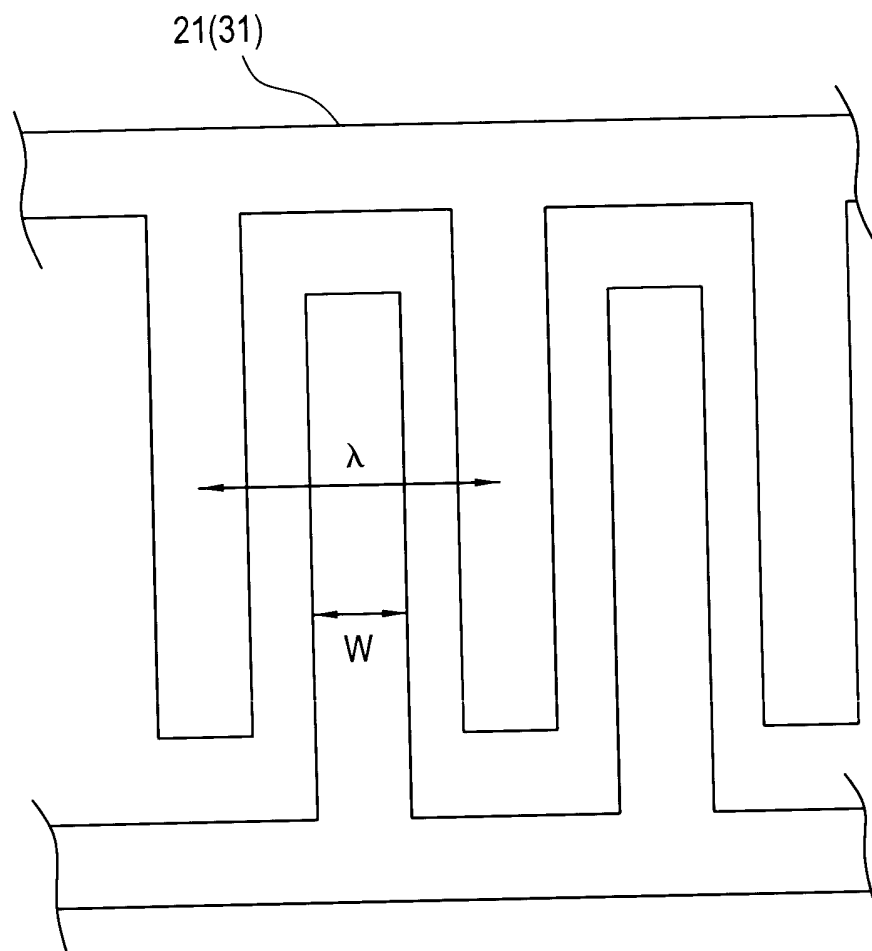


FIG. 6

SAMPLE	DUTY RATIO OF PARALLEL ARM RESONATORS	DUTY RATIO OF SERIES ARM RESONATORS
A	0.55	0.37
B	0.51	0.41
C	0.46	0.46
D	0.41	0.51

FIG. 7A

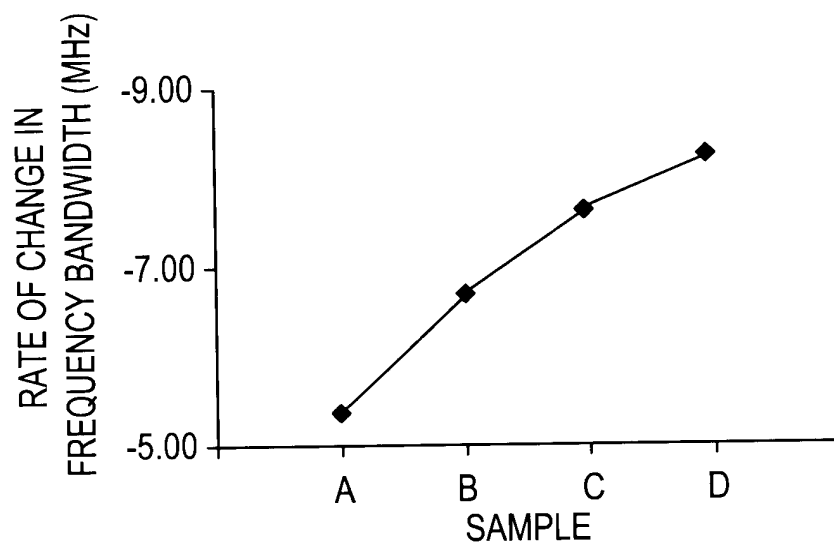


FIG. 7B

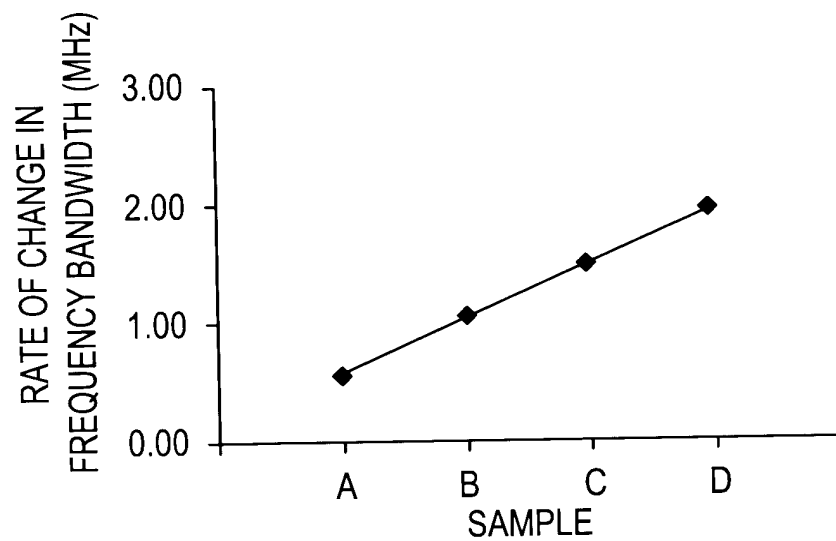


FIG. 8A

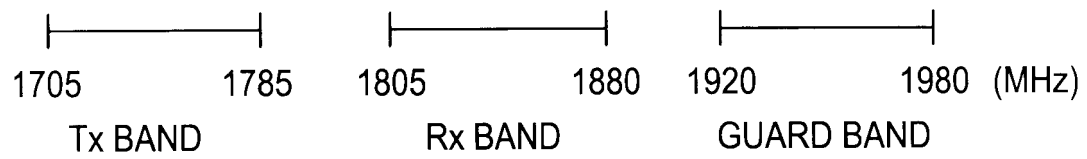


FIG. 8B

